

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : HG weathered wood restorer  
UFI : 1HP2-DU4U-400A-8NHT  
Product code : 292 ART  
Type of product : Detergent  
Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Function or use category : Products for the cleaning and care for example, for garden furniture, wooden terraces and decks, fences... (excludes biocidal products). For cleaning of outdoor pavements, pathways... see 'Heavy duty cleaning products for stone and similar surfaces'.

##### 1.2.2. Uses advised against

Restrictions on use : All other uses not recommended above

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

HG International B.V.  
P.J. Oudweg 41  
NL 1314 CJ Almere  
The Netherlands  
T +31 (0)36 54 94 700  
[safety@hg.eu](mailto:safety@hg.eu), [www.hg.eu](http://www.hg.eu)

##### Distributor

HG UKI LTD  
Weston Business Centre  
Parsonage Road  
UK CM22 6PU Takeley, Essex  
United Kingdom  
T +44 (0) 1206 822 744  
[www.hg.eu](http://www.hg.eu)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)36 54 94 777  
Only for medical personnel  
Mon-Fri 09:00 AM - 05:00 PM (CEST)

| Country/Area | Organisation/Company                                     | Address                                  | Emergency number   | Comment |
|--------------|--|--|--|---------|
| Ireland      | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1, Sub-Category 1B H314  
Serious eye damage/eye irritation, Category 1 H318  
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411

Full text of H- and EUH-statements: see section 16

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

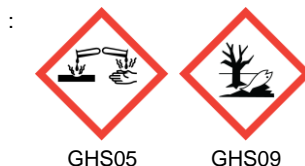
### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

GHS09

Signal word (CLP)

: Danger

Contains

: sodium hypochlorite, solution... % Cl active; Sodium hydroxide; caustic soda

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P264 - Wash hands, forearms and face thoroughly after handling.

P280 - Wear eye protection, protective gloves.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER, a doctor.

P405 - Store locked up.

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: EUH206 - Warning! Do not use together with other products. May release dangerous gases (chlorine).

Child-resistant fastening

: Applicable

Tactile warning

: Applicable

## 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier  | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                    |
|---|---|---------------|--|
| sodium hypochlorite, solution... % Cl active (Note B) | CAS-No.: 7681-52-9<br>EC-No.: 231-668-3<br>EC Index-No.: 017-011-00-1<br>REACH-no: 01-2119488154-34 | 4.58865       | Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Name                            | Product identifier  | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------------------------|---|---------------|---|
| Sodium hydroxide; caustic soda  | CAS-No.: 1310-73-2<br>EC-No.: 215-185-5<br>EC Index-No.: 011-002-00-6<br>REACH-no: 01-2119457892-27 | ≥ 1 – < 2     | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318   |
| 2-(2-dodecoxyethoxy)acetic acid | CAS-No.: 27306-90-7<br>EC-No.: 608-079-9  | ≥ 0.1 – < 1   | Eye Dam. 1, H318  |
| Sodium octyl sulphate           | CAS-No.: 142-31-4<br>EC-No.: 205-535-5<br>REACH-no: 01-2119966154-35                                | ≥ 0.1 – < 1   | Skin Irrit. 2, H315<br>Eye Dam. 1, H318                         |

### Specific concentration limits:

| Name   | Product identifier  | Specific concentration limits (Conc. (% w/w))   |
|--|---|---|
| sodium hypochlorite, solution... % Cl active | CAS-No.: 7681-52-9<br>EC-No.: 231-668-3<br>EC Index-No.: 017-011-00-1<br>REACH-no: 01-2119488154-34 | (5 ≤ C ≤ 100) EUH031  |
| Sodium hydroxide; caustic soda               | CAS-No.: 1310-73-2<br>EC-No.: 215-185-5<br>EC Index-No.: 011-002-00-6<br>REACH-no: 01-2119457892-27 | (0.5 ≤ C < 2) Skin Irrit. 2, H315<br>(0.5 ≤ C < 2) Eye Irrit. 2, H319<br>(2 ≤ C < 5) Skin Corr. 1B, H314<br>(5 ≤ C ≤ 100) Skin Corr. 1A, H314 |

Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: '... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Call a physician immediately.  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.                                    |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting. Call a physician immediately.   |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Symptoms/effects after inhalation   | : No specific data.                |
| Symptoms/effects after skin contact | : Redness. Burns.                  |
| Symptoms/effects after eye contact  | : Redness. Serious damage to eyes. |
| Symptoms/effects after ingestion    | : No specific data. Burns.         |

### 4.3. Indication of any immediate medical attention and special treatment needed

In case of skin contact: Diphoterine.

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream. Do not use a solid water stream as it may scatter and spread fire.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Contact with combustible material may cause fire. The active ingredient is an oxidizer. May cause fire or explosion; strong oxidiser.  
Explosion hazard : Intense heat may cause container to burst.  
Reactivity in case of fire : If the product is involved in a fire, it can release toxic chlorine gases.  
Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. Sulphur oxides. Metallic oxides. Halogenated compounds.

#### 5.3. Advice for firefighters

- Precautionary measures fire : Evacuate area. Stop leak if safe to do so.  
Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Do not handle until all safety precautions have been read and understood. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area. Evacuate area. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk on the spilled product. Take off contaminated clothing. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Stop leak if safe to do so. Move containers from spill area. Dilute spills with water and mop up. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material. Approach from upwind. Dilute spills with water and mop up. Absorb remaining liquid with sand or inert absorbent and remove to safe place.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13 : "Disposal considerations". For further information refer to section 13.

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.  |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.     |
| Hygiene measures                  | : Handle in accordance with good industrial hygiene and safety procedures. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

#### 7.2. Conditions for safe storage, including any incompatibilities

|                            |  |
|----------------------------|--|
| Technical measures         | : Keep in a cool, well-ventilated place away from heat.  |
| Storage conditions         | : Store in dry, cool, well-ventilated area. Protect from sunlight. Heat sources. Keep container tightly closed. Keep only in original container. Protect from freezing. Store locked up. |
| Incompatible materials     | : Acids. Combustible materials.  |
| Storage temperature        | : > 0 – < 30 °C  |
| Special rules on packaging | : Keep only in original container. Opened containers must be carefully closed and kept upright to avoid leakage.   |
| Packaging materials        | : Store always product in container of same material as original container.  |

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

| Sodium hydroxide; caustic soda (1310-73-2) |                                       |
|--|---------------------------------------|
| Ireland - Occupational Exposure Limits     |                                       |
| Local name                                 | Sodium hydroxide                      |
| OEL STEL                                   | 2 mg/m <sup>3</sup>                   |
| Regulatory reference                       | Chemical Agents Code of Practice 2021 |

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

| sodium hypochlorite, solution... % Cl active (7681-52-9) |                        |
|--|------------------------|
| DNEL/DMEL (Workers)                                      |                        |
| Acute - systemic effects, inhalation                     | 3.1 mg/m <sup>3</sup>  |
| Acute - local effects, inhalation                        | 3.1 mg/m <sup>3</sup>  |
| Long-term - local effects, dermal                        | 0.5 % in mixture       |
| Long-term - systemic effects, inhalation                 | 1.55 mg/m <sup>3</sup> |
| Long-term - local effects, inhalation                    | 1.55 mg/m <sup>3</sup> |
| DNEL/DMEL (General population)                           |                        |
| Acute - systemic effects, inhalation                     | 3.1 mg/m <sup>3</sup>  |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| sodium hypochlorite, solution... % Cl active (7681-52-9) |                           |
|--|---------------------------|
| Acute - local effects, inhalation                        | 3.1 mg/m <sup>3</sup>     |
| Long-term - systemic effects, oral                       | 0.26 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation                 | 1.55 mg/m <sup>3</sup>    |
| Long-term - local effects, dermal                        | 0.5 % in mixture          |
| Long-term - local effects, inhalation                    | 1.55 mg/m <sup>3</sup>    |
| PNEC (Water)   |                           |
| PNEC aqua (freshwater)                                   | 0.21 µg/l                 |
| PNEC aqua (marine water)                                 | 0.042 µg/l                |
| PNEC aqua (intermittent, freshwater)                     | 0.26 µg/l                 |
| PNEC (Oral)  |                           |
| PNEC oral (secondary poisoning)                          | 11.1 mg/kg food           |
| PNEC (STP)   |                           |
| PNEC sewage treatment plant                              | 4.69 mg/l                 |
| Sodium hydroxide; caustic soda (1310-73-2)               |                           |
| DNEL/DMEL (Workers)                                      |                           |
| Long-term - local effects, inhalation                    | 1 mg/m <sup>3</sup>       |
| DNEL/DMEL (General population)                           |                           |
| Long-term - local effects, inhalation                    | 1 mg/m <sup>3</sup>       |

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Protective clothing. Gloves. Safety glasses. Chemical resistant safety shoes.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses with side shields. Safety glasses

| Eye protection |  |                   |          |
|----------------|--|-------------------|----------|
| Type           | Field of application                                   | Characteristics   | Standard |
| Safety glasses | Normal use conditions                                  | With side shields | EN 166   |
| Face shield    | Droplet, If there is a risk of liquid being splashed : | With side shields | EN 166   |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.2.2.2. Skin protection

#### Skin and body protection:

Long sleeved protective clothing. Chemical resistant safety shoes

| Skin and body protection           |              |
|------------------------------------|--------------|
| Type                               | Standard     |
| Long sleeved protective clothing   |              |
| Chemical resistant safety shoes    | EN ISO 20345 |
| Use chemically protective clothing | EN 13034     |

#### Hand protection:

Protective gloves

| Hand protection   |                      |                   |                |             |            |
|-------------------|----------------------|-------------------|----------------|-------------|------------|
| Type              | Material             | Permeation        | Thickness (mm) | Penetration | Standard   |
| Disposable gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.35           |             | EN ISO 374 |
| Disposable gloves | Butyl rubber         | 6 (> 480 minutes) | 0.5            |             | EN ISO 374 |

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

No respiratory protection needed under normal use conditions. In case of inadequate ventilation wear respiratory protection.

| Respiratory protection |                                    |           |          |
|------------------------|------------------------------------|-----------|----------|
| Device                 | Filter type                        | Condition | Standard |
|                        | Gas/vapour filter, Filter B (grey) |           |          |

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                           |                               |
|---------------------------|-------------------------------|
| Physical state            | : Liquid                      |
| Colour                    | : light yellow.               |
| Odour                     | : Chlorine.                   |
| Odour threshold           | : Not available               |
| Melting point             | : Not available               |
| Freezing point            | : 0 °C                        |
| Boiling point             | : 100 °C                      |
| Flammability              | : Non flammable.              |
| Lower explosion limit     | : Not available               |
| Upper explosion limit     | : Not available               |
| Flash point               | : Not available               |
| Auto-ignition temperature | : Not available               |
| Decomposition temperature | : Not available               |
| pH                        | : > 13                        |
| pH solution concentration | : 100 %                       |
| Viscosity, kinematic      | : Not available               |
| Solubility                | : In water, material soluble. |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|   |                  |
|---|------------------|
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : Not available  |
| Relative density                                | : 1.075 – 1.085  |
| Relative vapour density at 20°C                 | : Not available  |
| Particle characteristics                        | : Not applicable |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas. No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from (strong) acids. None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Acids. Combustible materials.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |   |
|-----------------------------|---|
| Acute toxicity (oral)       | : Not classified (Conclusive but not sufficient for classification) |
| Acute toxicity (dermal)     | : Not classified (Conclusive but not sufficient for classification) |
| Acute toxicity (inhalation) | : Not classified (Conclusive but not sufficient for classification) |

#### 2-(2-dodecoxyethoxy)acetic acid (27306-90-7)

|               |              |
|---------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
|---------------|--------------|

#### sodium hypochlorite, solution... % Cl active (7681-52-9)

|                    |   |
|--------------------|---|
| LD50 oral rat      | 1100 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)          |
| LD50 oral          | 8910 mg/kg bodyweight   |
| LD50 dermal rabbit | > 20000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other: |
| LD50 dermal        | > 20000 mg/kg bodyweight  |



# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| sodium hypochlorite, solution... % Cl active (7681-52-9) |   |
|--|---|
| LC50 Inhalation - Rat (Dust/Mist)                        | > 10500 mg/l  |
| LC50 Inhalation - Rat (Vapours)                          | > 10.5 mg/l   |
| Sodium octyl sulphate (142-31-4)                         |   |
| LD50 oral rat  | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
| LD50 oral  | 3200 mg/kg bodyweight   |
| LD50 dermal rat  | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)  |
| Skin corrosion/irritation                                | : Causes severe skin burns.<br>pH: > 13   |
| sodium hypochlorite, solution... % Cl active (7681-52-9) |   |
| pH   | 11  |
| Sodium hydroxide; caustic soda (1310-73-2)               |   |
| pH   | > 14  |
| Sodium octyl sulphate (142-31-4)                         |   |
| pH   | 8 Concentration: 1 other:   |
| Serious eye damage/irritation                            | : Causes serious eye damage.<br>pH: > 13  |
| sodium hypochlorite, solution... % Cl active (7681-52-9) |   |
| pH   | 11  |
| Sodium hydroxide; caustic soda (1310-73-2)               |   |
| pH   | > 14  |
| Sodium octyl sulphate (142-31-4)                         |   |
| pH   | 8 Concentration: 1 other:   |
| Respiratory or skin sensitisation                        | : Not classified (Conclusive but not sufficient for classification)   |
| Germ cell mutagenicity                                   | : Not classified (Conclusive but not sufficient for classification)   |
| Carcinogenicity  | : Not classified (Conclusive but not sufficient for classification)   |
| sodium hypochlorite, solution... % Cl active (7681-52-9) |   |
| IARC group   | 3 - Not classifiable  |
| Reproductive toxicity                                    | : Not classified (Conclusive but not sufficient for classification)   |
| STOT-single exposure                                     | : Not classified (Conclusive but not sufficient for classification)   |
| STOT-repeated exposure                                   | : Not classified (Conclusive but not sufficient for classification)   |
| Sodium octyl sulphate (142-31-4)                         |   |
| LOAEL (oral, rat, 90 days)                               | 1016 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)                  |
| NOAEL (oral, rat, 90 days)                               | 488 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)                   |
| Aspiration hazard  | : Not classified (Conclusive but not sufficient for classification)   |
| Sodium hydroxide; caustic soda (1310-73-2)               |   |
| Viscosity, kinematic                                     | Not applicable  |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

#### sodium hypochlorite, solution... % Cl active (7681-52-9)

|                                    |   |
|------------------------------------|---|
| EC50 - Crustacea [1]               | 141 µg/l Test organisms (species): Daphnia magna  |
| EC50 - Crustacea [2]               | 35 µg/l Test organisms (species): Ceriodaphnia dubia  |
| EC50 - Other aquatic organisms [1] | 0.141 mg/l waterflea  |
| EC50 72h - Algae [1]               | 0.0365 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2]               | 0.0183 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |

#### Sodium hydroxide; caustic soda (1310-73-2)

|                                    |  |
|------------------------------------|--|
| LC50 - Fish [1]                    | > 35 mg/l  |
| EC50 - Crustacea [1]               | 40.4 mg/l Test organisms (species): Ceriodaphnia sp. |
| EC50 - Other aquatic organisms [1] | > 33 mg/l waterflea                                  |

#### Sodium octyl sulphate (142-31-4)

|                      |   |
|----------------------|---|
| LC50 - Fish [1]      | > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                   |
| EC50 - Crustacea [1] | > 100 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1] | > 511 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2] | 511 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| LOEC (chronic)       | 6.86 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                    |
| NOEC (chronic)       | 1.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                     |
| NOEC chronic fish    | ≥ 1.357 mg/l Test organisms (species): Pimephales promelas Duration: '42 d'                           |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 12.2. Persistence and degradability

#### HG weathered wood restorer

|                               |   |
|-------------------------------|---|
| Persistence and degradability | The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
|-------------------------------|---|

#### 2-(2-dodecoxyethoxy)acetic acid (27306-90-7)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### sodium hypochlorite, solution... % Cl active (7681-52-9)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Sodium hydroxide; caustic soda (1310-73-2)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Sodium octyl sulphate (142-31-4)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

### 12.3. Bioaccumulative potential

#### HG weathered wood restorer

|                           |                              |
|---------------------------|------------------------------|
| Bioaccumulative potential | No bioaccumulation expected. |
|---------------------------|------------------------------|

#### sodium hypochlorite, solution... % Cl active (7681-52-9)

|   |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -3.42 |
|---|-------|

#### Sodium hydroxide; caustic soda (1310-73-2)

|   |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -3.88 |
|---|-------|

#### Sodium octyl sulphate (142-31-4)

|   |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -0.27 |
|---|-------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

### 12.7. Other adverse effects

No additional information available

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878






### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.  |
| Waste treatment methods                    | : Dispose of in accordance with relevant local regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.   |
| Sewage disposal recommendations            | : Do not flush down sewers. Disposal must be done according to official regulations.  |
| Product/Packaging disposal recommendations | : Do not pierce or burn, even after use. Beware of residues or vapours which remain in the drums. Disposal must be done according to official regulations.  |
| Additional information                     | : Do not re-use empty containers.   |
| European List of Waste (LoW, EC 2000/532)  | : 20 01 29* - detergents containing dangerous substances<br>20 01 39 - plastics   |
| HP Code                                    | : HP2 - "Oxidising:" waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials.<br>HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.<br>HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment |

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR   | IMDG  | IATA   | ADN  | RID  |
|---|---|--|--|--|
| <b>14.1. UN number or ID number</b>   |   |  |  |  |
| UN 3267   | UN 3267   | UN 3267  | UN 3267  | UN 3267  |
| <b>14.2. UN proper shipping name</b>  |   |  |  |  |
| CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda)  | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda)  | Corrosive liquid, basic, organic, n.o.s. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda)   | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda)   | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda)   |
| <b>Transport document description</b>   |   |  |  |  |
| UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda), 8, II, (E), ENVIRONMENTALLY HAZARDOUS | UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda), 8, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 3267 Corrosive liquid, basic, organic, n.o.s. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda), 8, II, ENVIRONMENTALLY HAZARDOUS | UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda), 8, II, ENVIRONMENTALLY HAZARDOUS | UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution... % Cl active ; Sodium hydroxide; caustic soda), 8, II, ENVIRONMENTALLY HAZARDOUS |
| <b>14.3. Transport hazard class(es)</b>   |   |  |  |  |
| 8   | 8   | 8  | 8  | 8  |
|    |    |   |    |   |
| <b>14.4. Packing group</b>  |   |  |  |  |
| II  | II  | II   | II   | II   |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| ADR                                    | IMDG  | IATA                               | ADN                                | RID                                |
|--|---|------------------------------------|------------------------------------|------------------------------------|
| <b>14.5. Environmental hazards</b>     |   |                                    |                                    |                                    |
| Dangerous for the environment: Yes     | Dangerous for the environment: Yes<br>Marine pollutant: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available |   |                                    |                                    |                                    |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : C7  
Special provisions (ADR) : 274  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E2  
Packing instructions (ADR) : P001, IBC02  
Mixed packing provisions (ADR) : MP15  
Portable tank and bulk container instructions (ADR) : T11  
Portable tank and bulk container special provisions (ADR) : TP2, TP27  
Tank code (ADR) : L4BN  
Vehicle for tank carriage : AT  
Transport category (ADR) : 2  
Hazard identification number (Kemler No.) : 80  
Orange plates :



Tunnel restriction code (ADR) : E

#### Transport by sea

Special provisions (IMDG) : 274  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T11  
Tank special provisions (IMDG) : TP2, TP27  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage category (IMDG) : B  
Stowage and handling (IMDG) : SW2  
Segregation (IMDG) : SGG18, SG35  
Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

#### Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y840  
PCA limited quantity max net quantity (IATA) : 0.5L  
PCA packing instructions (IATA) : 851  
PCA max net quantity (IATA) : 1L  
CAO packing instructions (IATA) : 855  
CAO max net quantity (IATA) : 30L  
Special provisions (IATA) : A3, A803  
ERG code (IATA) : 8L

#### Inland waterway transport

Classification code (ADN) : C7  
Special provisions (ADN) : 274  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E2

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C7  
Special provisions (RID) : 274  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E2  
Packing instructions (RID) : P001, IBC02  
Mixed packing provisions (RID) : MP15  
Portable tank and bulk container instructions (RID) : T11  
Portable tank and bulk container special provisions (RID) : TP2, TP27  
Tank codes for RID tanks (RID) : L4BN  
Transport category (RID) : 2  
Colis express (express parcels) (RID) : CE6  
Hazard identification number (RID) : 80

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

##### Detergent Regulation (648/2004)

| Labelling of contents                                |     |
|--|-----|
| Component  | %   |
| anionic surfactants, chlorine-based bleaching agents | <5% |

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Indication of changes |  |          |          |
|-----------------------|--|----------|----------|
| Section               | Changed item   | Change   | Comments |
|                       | Indication of changes  | Removed  |          |
|                       | Type of product  | Modified |          |
|                       | Revision date  | Modified |          |
|                       | Adverse health effects caused by endocrine disrupting properties | Added    |          |
|                       | Flammability   | Modified |          |
| 1.2                   | Main use category  | Modified |          |
| 2.1                   | Adverse physicochemical, human health and environmental effects  | Modified |          |
| 2.2                   | Precautionary statements (CLP)                                   | Modified |          |
| 2.2                   | EUH-statements   | Added    |          |
| 4.1                   | First-aid measures general                                       | Added    |          |
| 4.1                   | First-aid measures after ingestion                               | Modified |          |
| 4.1                   | First-aid measures after eye contact                             | Modified |          |
| 4.1                   | First-aid measures after skin contact                            | Modified |          |
| 4.2                   | Symptoms/effects after ingestion                                 | Added    |          |
| 4.2                   | Symptoms/effects after eye contact                               | Modified |          |
| 4.2                   | Symptoms/effects after skin contact                              | Modified |          |
| 4.3                   | Other medical advice or treatment                                | Modified |          |
| 5.1                   | Suitable extinguishing media                                     | Modified |          |
| 5.2                   | Reactivity in case of fire                                       | Added    |          |
| 5.2                   | Explosion hazard   | Added    |          |
| 5.2                   | Fire hazard  | Added    |          |
| 5.2                   | Hazardous decomposition products in case of fire                 | Modified |          |
| 5.3                   | Firefighting instructions  | Added    |          |
| 6.1                   | Protective equipment   | Added    |          |
| 6.1                   | Emergency procedures   | Added    |          |
| 6.1                   | General measures   | Added    |          |
| 6.1                   | Emergency procedures   | Modified |          |
| 6.3                   | Methods for cleaning up  | Modified |          |
| 6.3                   | For containment  | Modified |          |
| 6.4                   | Reference to other sections (8, 13)                              | Modified |          |

# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Indication of changes |  |          |          |
|-----------------------|--|----------|----------|
| Section               | Changed item                               | Change   | Comments |
| 7.1                   | Additional hazards when processed          | Added    |          |
| 7.1                   | Precautions for safe handling              | Modified |          |
| 7.2                   | Incompatible materials                     | Modified |          |
| 7.2                   | Incompatible products                      | Removed  |          |
| 7.2                   | Storage conditions                         | Modified |          |
| 7.2                   | Special rules on packaging                 | Added    |          |
| 7.2                   | Packaging materials                        | Added    |          |
| 7.2                   | Technical measures                         | Added    |          |
| 7.2                   | Storage temperature                        | Modified |          |
| 8.2                   | Respiratory protection                     | Modified |          |
| 8.2                   | Eye protection                             | Modified |          |
| 8.2                   | Appropriate engineering controls           | Modified |          |
| 9.1                   | Melting point                              | Added    |          |
| 10.1                  | Reactivity                                 | Removed  |          |
| 10.2                  | Chemical stability                         | Removed  |          |
| 10.3                  | Possibility of hazardous reactions         | Modified |          |
| 10.4                  | Conditions to avoid                        | Modified |          |
| 10.5                  | Incompatible materials                     | Modified |          |
| 10.6                  | Hazardous decomposition products           | Removed  |          |
| 12.1                  | Ecology - general                          | Modified |          |
| 12.2                  | Persistence and degradability              | Added    |          |
| 12.3                  | Bioaccumulative potential                  | Added    |          |
| 13.1                  | Regional waste regulation                  | Added    |          |
| 13.1                  | Additional information                     | Added    |          |
| 13.1                  | Sewage disposal recommendations            | Added    |          |
| 13.1                  | Product/Packaging disposal recommendations | Added    |          |
| 13.1                  | Waste treatment methods                    | Modified |          |

### Training advice

: Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

### Other information

: Normal use of this product shall imply use in accordance with the instructions on the packaging. **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.



# HG weathered wood restorer

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1                           |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1                         |
| EUH031                              | Contact with acids liberates toxic gas.   |
| EUH206                              | Warning! Do not use together with other products. May release dangerous gases (chlorine). |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1   |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2   |
| H290                                | May be corrosive to metals.   |
| H314                                | Causes severe skin burns and eye damage.  |
| H315                                | Causes skin irritation.   |
| H318                                | Causes serious eye damage.  |
| H319                                | Causes serious eye irritation.  |
| H400                                | Very toxic to aquatic life.   |
| H410                                | Very toxic to aquatic life with long lasting effects.                                     |
| H411                                | Toxic to aquatic life with long lasting effects.  |
| Met. Corr. 1                        | Corrosive to metals, Category 1   |
| Skin Corr. 1A                       | Skin corrosion/irritation, Category 1, Sub-Category 1A                                    |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B                                    |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2   |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.